

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/US2005/007581

**A. CLASSIFICATION OF SUBJECT MATTER**  
IPC 7 C04B28/02 C04B28/14 C04B41/62

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 C04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/069791 A1 (MERKLEY DONALD J ET AL) 13 June 2002 (2002-06-13) cited in the application	1,2, 8-10, 13-16, 26-35, 39-47,49
Y		12
A	claim 1 table 1 paragraphs '0011!, '0016!, '0082! ----- -/--	17,21, 24,25, 50,51

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

8 July 2005

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03/08/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Y A	claims 1,2	12 26,29, 32,45, 46,50,51
X	US 5 421 867 A (YEAGER ET AL) 6 June 1995 (1995-06-06)	1,2,8,9, 13-15, 26-31, 34,35, 39-47,49
A	claims 1,2 column 5, line 20 - line 43	17,32, 50,51
X	US 6 475 275 B1 (NEBESNAK EDWARD ET AL) 5 November 2002 (2002-11-05)	1,2,9, 16,26, 27,34, 35, 39-41, 45-47
A	example 1 column 2, line 50 - line 51 column 3, line 23 - line 25 column 4, line 36 - line 38	17,32, 50,51
X	DATABASE CA 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; SHAPIRO, A. D. ET AL: "Manufacture of board resistant to biological degradation" XP002335287 retrieved from STN Database accession no. 1961:146882 abstract	34-50, 52-55
Y A	& BUMAZHNAYA PROMYSHLENNOST , 36(No. 7), 12-13 CODEN: BUMPAK; ISSN: 0007-5817, 1961,	6,7 26,32, 45,46
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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE WPI  Section Ch, Week 198610  Derwent Publications Ltd., London, GB;  Class C03, AN 1986-066741  XP002335289  &amp; JP 61 019900 A (IG GIJUTSU KENKYUSHO KK)  28 January 1986 (1986-01-28)  abstract</p>	<p>1-9,  13-15,  17-25,  34-47,  49,50,  52-55</p>
A		<p>10,26,  29,30,  32,51</p>
X	<p>-----  CHEMICAL ABSTRACTS, vol. 94, no. 8,  23 February 1981 (1981-02-23),  Columbus, Ohio, US;  abstract no.: 51915a,  XP000186251  abstract</p>	<p>34-50,  52-55</p>
Y		<p>6,7</p>
A	<p>&amp; JP 55 085756 A (KUBOTA LTD)  28 June 1980 (1980-06-28)  -----</p>	<p>1-5,8,9,  13,14,  17-21,  24,26,  27,  29-31,51</p>
X	<p>PATENT ABSTRACTS OF JAPAN  vol. 015, no. 133 (C-0820),  2 April 1991 (1991-04-02)  &amp; JP 03 016978 A (KUBOTA LTD),  24 January 1991 (1991-01-24)  abstract</p>	<p>34-50,  53-55</p>
A		<p>1-5,8,9,  13,14,  17-19,  21,24,  26-30,  32,51</p>
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Information on patent family members

International Application No

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